

ABSTRACT

Method and apparatus, including computer program products, implement techniques for operating a mass spectrometer that includes a source of ions, a mass analyzer, and a detector, in which a gain of the detector or the number of ions detected by the detector is calculated based on intensity measurements for ions having a plurality of different m/z values. In particular implementations, the detector gain or the number of ions detected by the detector can be calculated based on a ratio of or difference between intensity values for at least two of the ions having different m/z values.

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